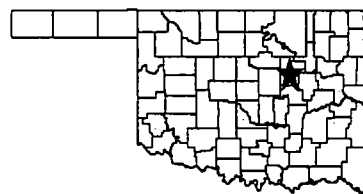


# Wilcox Oil Company

## Bristow, Creek County, Oklahoma



EPA CERCLA ID No: OK0001010917

SSID No: 06GG

County: Creek County, Oklahoma

US Congressional District: 4

### Site Description

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**Location:** The site is located northeast of the City of Bristow in the central portion of the state at on West 221<sup>st</sup> Street South/Refinery Road, 0.35 mile east of U.S. Highway 66 in Creek County, Bristow, OK, 74010. The geographic coordinates are Latitude: 35°50'26.8966" N and Longitude: 96°22'48.693" W. Township and Range are North ½ of the Northwest 1/4 of Section 29, Township 16 North, Range 9 East and the Southwest 1/4 of the Southwest ¼ of Section 20, Township 16 North, Range 9 East

**Setting:** The Site consists of the former Lorraine/Wilcox Refinery located in Bristow, Creek County, Oklahoma. The site includes remnants of former oil refining operations and tank farms. Currently there are six residents living on-site, homes are located in areas of former waste operations. The First Assembly of God Church and church playground are also located in former processing and storage areas. The site is located in an area with easy access to the highway and within commuting distance to Tulsa, and is likely that this area will be further developed as a "bedroom" community to Tulsa.

### Site History

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Wilcox Oil Company (Wilcox) includes the inactive and abandoned Lorraine and Wilcox oil refineries located in Bristow, Creek County, Oklahoma. The property was utilized by two different refineries with overlapping boundaries from 1915 to 1965. Wilcox Oil Company (Wilcox) operated as a crude oil refinery from the 1920s until 1963. A skimming and cracking plant was constructed in 1929. The main components of the plant consisted of a skimming plant, cracking unit and re-distillation battery with vapor recovery system and treatment equipment. Wilcox expanded when it acquired the Lorraine Refinery in 1937, which was located adjacent to Wilcox. The two refineries comprise 125 acres. The site includes remnants of former oil refining operations and tank farms. The site includes remnants of former oil refining operations and tank farms. Currently there are six residents living on-site, homes are located in areas of former waste operations. A release of copper, lead and PAHs has been documented to the wetlands of Sand Creek. Sand Creek flows to Little Deep Fork Creek from which fish are caught for human consumption.

The site is currently inactive, a church and six residents are located within the former refinery boundaries. Intermittent streams drain the source areas and flow to Sand Creek. Multiple

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sampling events have been conducted by the Oklahoma Department of Environmental Quality at the request of EPA Region 6. PA, SI and ESIs have been performed at both facilities. The State of Oklahoma referred the site to EPA because the state of Oklahoma does not have the resources to address the site. EPA received a letter of support for placing this site on the NPL from the state of Oklahoma on May 04, 2012. The Oklahoma Department of Environmental Quality has been working with on-site residents during the assessment process.

The site was proposed to the NPL on May 24, 2013 and added to the NPL on December 12, 2013.

## **Wastes and Volume**

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### Principal Contaminants:

- Arsenic
- Chromium
- Copper
- Lead
- Nickel
- Zinc
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Chrysene
- Fluoranthene
- 2-methylnaphthalene
- Phenanthrene

### Volume:

- The exact volume of on-site wastes is unknown. The HRS evaluated an on-site cooling pond and 8 tank bottom areas.

## **Key Documents**

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HRS Documentation Record:  
ESI Report Lorraine:  
ESI Report Wilcox

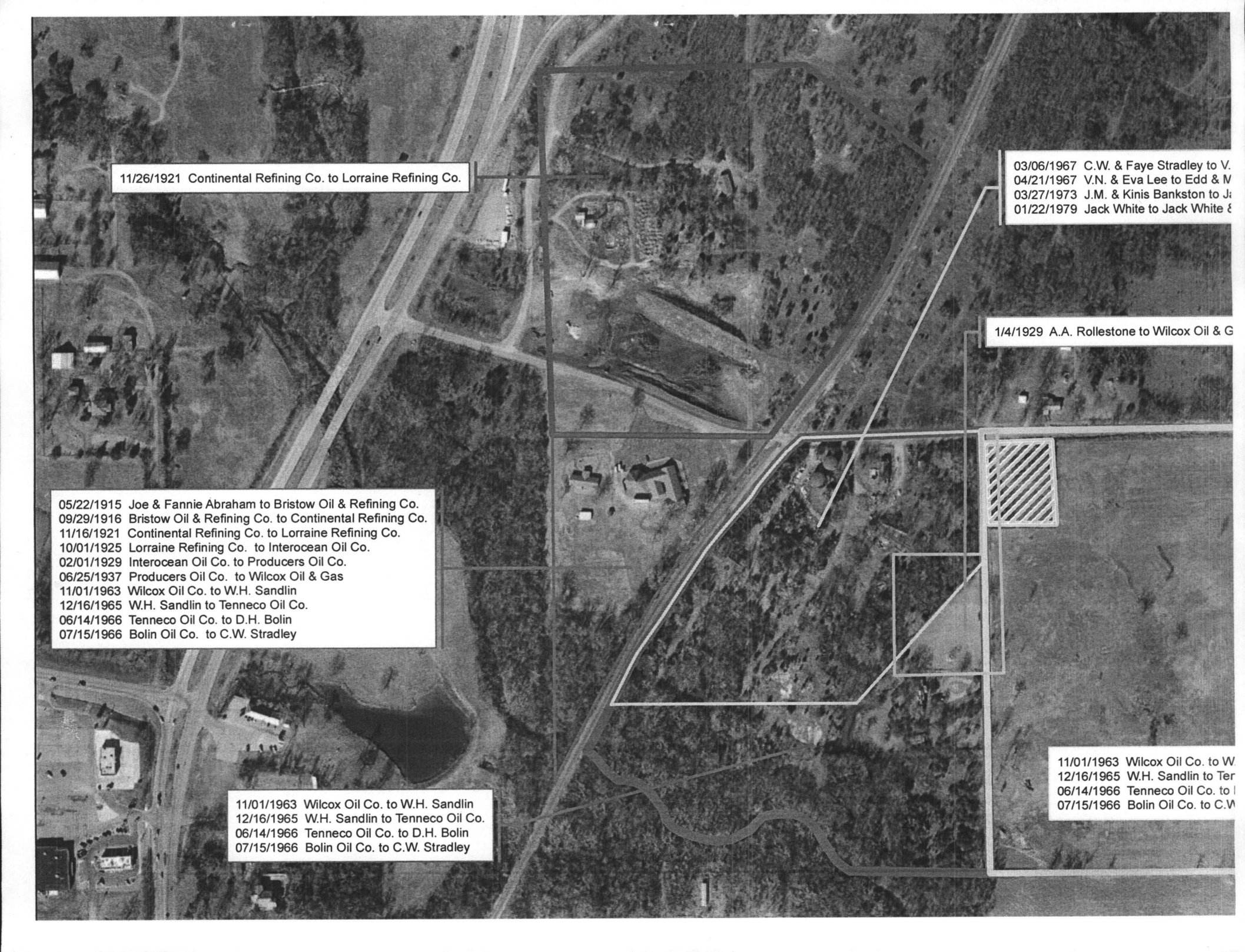
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SDMS document number 643609.  
SDMS document number 87534.

## **Contacts**

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Land Protection Division  
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Repository:  
City of Bristow Public Library,  
111 West 7th Street, Bristow, OK 74010  
918-367-6562,  
<http://www.cityofbristow.org/Library.html>



11/26/1921 Continental Refining Co. to Lorraine Refining Co.

03/06/1967 C.W. & Faye Stradley to V.  
04/21/1967 V.N. & Eva Lee to Edd & M  
03/27/1973 J.M. & Kinis Bankston to J.  
01/22/1979 Jack White to Jack White &

1/4/1929 A.A. Rollestone to Wilcox Oil & G

05/22/1915 Joe & Fannie Abraham to Bristow Oil & Refining Co.  
09/29/1916 Bristow Oil & Refining Co. to Continental Refining Co.  
11/16/1921 Continental Refining Co. to Lorraine Refining Co.  
10/01/1925 Lorraine Refining Co. to Interocean Oil Co.  
02/01/1929 Interocean Oil Co. to Producers Oil Co.  
06/25/1937 Producers Oil Co. to Wilcox Oil & Gas  
11/01/1963 Wilcox Oil Co. to W.H. Sandlin  
12/16/1965 W.H. Sandlin to Tenneco Oil Co.  
06/14/1966 Tenneco Oil Co. to D.H. Bolin  
07/15/1966 Bolin Oil Co. to C.W. Stradley

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06/14/1966 Tenneco Oil Co. to I  
07/15/1966 Bolin Oil Co. to C.W